

## Columbia Agar (Base)

### Columbia Blood Agar Base

TN 1118 500 g  
TN 1247 5 kg



#### Intended use

Used in the cultivation of fastidious microorganisms and to detect haemolysis.

#### Form

Powder

#### Colour

Bright beige

#### Storage

Dry, tightly closed, at 10...25 °C.

#### Shelf life

5 years

#### Typical composition

Component	g/l
Peptones	23
Starch	1
Sodium chloride	5
Agar	11

#### Directions

Suspend 40 g in 1 litre distilled water and heat until completely dissolved. Autoclave for 15 minutes at 121 °C and cool down to 45-50 °C. Add 5-10 % defibrinated sheep blood, mix well and pour plates.

#### Final pH at 25°C

7.3 ± 0.2

#### Microbiological quality control

Incubate Columbia Agar (Base) (Columbia Blood Agar Base) aerobically for 22-24 hours at 36 ± 1 °C.

Test strain	ATCC no.	Inoculum (CFU)	Growth
<i>Staphylococcus aureus</i>	25923	10-100	good growth, whitish-yellow colonies with weak β-haemolysis with darker toxin ring around the colony
<i>Streptococcus pyogenes</i>	12344	10-100	good growth, whitish-yellow colonies with clearly visible β-haemolysis and no green coloration around the colonies
<i>Enterococcus durans</i>	10541	10-100	good growth, whitish-grey colonies with weak green coloration among and around the colonies
<i>Enterococcus faecalis</i>	19433	10-100	good growth, whitish-grey colonies with no haemolysis among or around the colonies